

*Ac
Nels*

RAW SEQUENCE LISTING ERROR REPORT

BIOTECHNOLOGY
SYSTEMS
BRANCH

File Copy 1117

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

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MAR 05 2001

TECH CENTER 1600/2900

Application Serial Number: 09/446,089A

1638

Source: 2/27/2001

Date Processed by STIC: 2/27/2001

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 3.0 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO).

Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:

<http://www.uspto.gov/web/offices/pac/checker>

Sequence Listing Error Summary

ERROR DETECTED	SUGGESTED CORRECTION	SERIAL NUMBER: <u>09/446,089A</u>
ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE		
1 <input type="checkbox"/> Wrapped Nucleics	The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3, as this will prevent "wrapping".	RECEIVED
2 <input type="checkbox"/> Wrapped Aminos	The amino acid number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3, as this will prevent "wrapping".	MAR 05 2001 TECH CENTER 1600/2900
3 <input type="checkbox"/> Incorrect Line Length	The rules require that a line not exceed 72 characters in length. This includes spaces.	
4 <input type="checkbox"/> Misaligned Amino Acid Numbering	The numbering under each 5th amino acid is misaligned. This may be caused by the use of tabs between the numbering. It is recommended to delete any tabs and use spacing between the numbers.	
5 <input type="checkbox"/> Non-ASCII	This file was not saved in ASCII (DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text so that it can be processed.	
6 <input type="checkbox"/> Variable Length	Sequence(s) <input type="checkbox"/> contain n's or Xaa's which represented more than one residue. As per the rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the (ix) feature section that some may be missing.	
7 <input type="checkbox"/> PatentIn ver. 2.0 "bug"	A "bug" in PatentIn version 2.0 has caused the <220>.<223> section to be missing from amino acid sequence(s) <input type="checkbox"/> . Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>.<223> section to the subsequent amino acid sequence. This applies primarily to the mandatory <220>.<223> sections for Artificial or Unknown sequences.	
8 <input type="checkbox"/> Skipped Sequences (OLD RULES)	Sequence(s) <input type="checkbox"/> missing. If intentional, please use the following format for each skipped sequence: (2) INFORMATION FOR SEQ ID NO:X: (i) SEQUENCE CHARACTERISTICS: (Do not insert any headings under "SEQUENCE CHARACTERISTICS") (xi) SEQUENCE DESCRIPTION: SEQ ID NO:X: This sequence is intentionally skipped Please also adjust the "(iii) NUMBER OF SEQUENCES:" response to include the skipped sequence(s).	
9 <input type="checkbox"/> Skipped Sequences (NEW RULES)	Sequence(s) <input type="checkbox"/> missing. If intentional, please use the following format for each skipped sequence. <210> sequence id number <400> sequence id number 000	
10 <input type="checkbox"/> Use of n's or Xaa's (NEW RULES)	Use of n's and/or Xaa's have been detected in the Sequence Listing. Use of <220> to <223> is MANDATORY if n's or Xaa's are present. In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.	
11 <input type="checkbox"/> Use of <213>Organism (NEW RULES)	Sequence(s) <input type="checkbox"/> are missing this mandatory field or its response.	10
12 <input checked="" type="checkbox"/> Use of <220>Feature (NEW RULES)	Sequence(s) <input type="checkbox"/> are missing the <220>Feature and associated headings. Use of <220> to <223> is MANDATORY if <213>ORGANISM is "Artificial" or "Unknown" Please explain source of genetic material in <220> to <223> section. (See "Federal Register," 6/01/98, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of new Rules)	
13 <input type="checkbox"/> PatentIn ver. 2.0 "bug"	Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other means to copy file to floppy disk.	

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MAR 05 2001

1638

TECH CENTER 1600/2900

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/446,089ADATE: 02/27/2001
TIME: 14:31:44Input Set : A:\001560-377.ST25.txt
Output Set: N:\CRF3\02272001\I446089A.rawP. 6
Does Not Comply
Corrected Diskette Needed

3 <110> APPLICANT: SAKAKIBARA, Keiko
 4 FUKUI, Yuko
 5 TANAKA, Yoshikazu
 6 KUSUMI, Takaaki
 7 MIZUTANI, Masako
 8 NAKAYAMA, Toru
 10 <120> TITLE OF INVENTION: GENE ENCODING PROTEIN HAVING AURONE SYNTHESIZING ACTIVITY
 12 <130> FILE REFERENCE: 001560-377
 14 <140> CURRENT APPLICATION NUMBER: US 09/446,089A
 15 <141> CURRENT FILING DATE: 1999-12-17
 17 <150> PRIOR APPLICATION NUMBER: PCT/JP99/02045
 18 <151> PRIOR FILING DATE: 1999-04-16
 20 <150> PRIOR APPLICATION NUMBER: JP 10/107296
 21 <151> PRIOR FILING DATE: 1998-04-17
 23 <160> NUMBER OF SEQ ID NOS: 15
 25 <170> SOFTWARE: PatentIn version 3.0
 27 <210> SEQ ID NO: 1
 28 <211> LENGTH: 1951
 29 <212> TYPE: DNA
 30 <213> ORGANISM: *Antirrhinum majus*
 32 <220> FEATURE:
 33 <221> NAME/KEY: CDS
 34 <222> LOCATION: (96)..(1781)
 36 <400> SEQUENCE: 1
 37 aaattacatt gtttccttgc tccacatc caccacaaat atatacaact tcctcagcta 60
 39 gttgtttatt atcaatcaaa taaaattatt tccca atg ttc aaa aat cct aat 113
 40 Met Phe Lys Asn Pro Asn
 41 1 5
 43 atc cgc tat cac aaa cta tct tcc aaa tcc aat gac aac gat caa gaa 161
 44 Ile Arg Tyr His Lys Leu Ser Ser Lys Ser Asn Asp Asn Asp Gln Glu
 45 10 15 20
 47 tcc tcc cat cgt tgt aag cac att cta tta ttt ata ata acc tta ttc 209
 48 Ser Ser His Arg Cys Lys His Ile Leu Leu Phe Ile Ile Thr Leu Phe
 49 25 30 35
 51 cta ctt ata gtt ggc ctg tao atc gcc aac tct ctc gcc tat gcc cgg 257
 52 Leu Leu Ile Val Gly Leu Tyr Ile Ala Asn Ser Leu Ala Tyr Ala Arg
 53 40 45 50
 55 ttt gcc tcg acc tca acc ggc cct atc gcc gca cct gat gtc acc aaa 305
 56 Phe Ala Ser Thr Ser Thr Gly Pro Ile Ala Ala Pro Asp Val Thr Lys
 57 55 60 65 70
 59 tgt ggt cag cca gac ttg cca cct ggc aca gcc cca ata aac tgt tgt 353
 60 Cys Gly Gln Pro Asp Leu Pro Pro Gly Thr Ala Pro Ile Asn Cys Cys
 61 75 80 85
 63 ccc cca atc ccc gct aaa atc atc gat ttc gag cta cca cct ccc tcc 401
 64 Pro Pro Ile Pro Ala Lys Ile Ile Asp Phe Glu Leu Pro Pro Pro Ser
 65 90 95 100
 67 act acc atg agg gtt cgc cgt gct cat tta gtt gat gat gca tac 449

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/446,089A

DATE: 02/27/2001

TIME: 14:31:44

Input Set : A:\001560-377.ST25.txt
Output Set: N:\CRF3\02272001\I446089A.raw

68	Thr	Met	Arg	Val	Arg	Arg	Ala	Ala	His	Leu	Val	Asp	Asp	Ala	Tyr	
69		105					110				115					
71	att	gcc	aaa	ttc	aag	aaa	gcc	gtt	gag	ctt	atg	cga	gct	cta	cct	gag
72	Ile	Ala	Lys	Phe	Lys	Lys	Ala	Val	Glu	Ieu	Met	Arg	Ala	Leu	Pro	Glu
73		120					125				130					
75	gat	gac	cct	cgt	agc	ttc	aag	caa	caa	gct	aac	gtc	cat	tgc	gct	tac
76	Asp	Asp	Pro	Arg	Ser	Phe	Lys	Gln	Gln	Ala	Asn	Val	His	Cys	Ala	Tyr
77	135		140					145				150				
79	tgc	gcg	ggg	gcy	tat	aat	caa	gcc	ggt	ttc	aca	aac	cta	aag	ctc	caa
80	Cys	Ala	Gly	Ala	Tyr	Asn	Gln	Ala	Gly	Phe	Thr	Asn	Leu	Lys	Leu	Gln
81		155					160				165					
83	atc	cac	cga	tct	tgg	ctt	ttt	ttc	ccg	ttc	cat	aga	tat	tat	atc	tac
84	Ile	His	Arg	Ser	Trp	Leu	Phe	Phe	Pro	Phe	His	Arg	Tyr	Tyr	Ile	Tyr
85		170					175				180					
87	ttt	ttt	gaa	aga	ata	ttg	gga	aaa	cta	atc	aat	gat	aca	act	ttt	gct
88	Phe	Phe	Glu	Arg	Ile	Leu	Gly	Lys	Leu	Ile	Asn	Asp	Thr	Thr	Phe	Ala
89		185				190				195						
91	ctc	caa	ttt	tgg	aac	tat	gat	tca	cct	ggt	gga	atg	aca	atc	cca	tca
92	Leu	Gln	Phe	Trp	Asn	Tyr	Asp	Ser	Pro	Gly	Gly	Met	Thr	Ile	Pro	Ser
93		200				205				210						
95	atg	ttt	att	gat	act	aat	tct	tgc	ctg	tac	gat	agt	tta	cgg	gac	agt
96	Met	Phe	Ile	Asp	Thr	Asn	Ser	Ser	Leu	Tyr	Asp	Ser	Leu	Arg	Asp	Ser
97	215		220				225				230					
99	aat	cat	cag	cca	cca	acc	atc	gta	gac	ttg	aac	tac	gcc	ttt	tct	gat
100	Asn	His	Gln	Pro	Pro	Thr	Ile	Val	Asp	Leu	Asn	Tyr	Ala	Phe	Ser	Asp
101		235				240				245						
103	tcc	gac	aat	acc	act	act	cct	gaa	gag	caa	atg	att	ata	aac	ctt	aaa
104	Ser	Asp	Asn	Thr	Thr	Thr	Pro	Glu	Glu	Gln	Met	Ile	Ile	Asn	Leu	Lys
105		250				255				260						
107	att	gtg	tac	aga	caa	atg	gtg	tgc	age	gct	aag	act	cca	cag	ctt	tcc
108	Ile	Val	Tyr	Arg	Gln	Met	Val	Ser	Ser	Ala	Lys	Thr	Pro	Gln	Leu	Phe
109		265				270				275						
111	ttc	ggc	cgc	cca	tac	cga	cgt	ggg	gac	caa	gag	ttt	ccc	ggg	gtg	ggg
112	Phe	Gly	Arg	Pro	Tyr	Arg	Arg	Gly	Asp	Gln	Glu	Phe	Pro	Gly	Val	Gly
113		280				285				290						
115	tcg	att	gag	tta	gtc	cct	cat	ggc	atg	ata	cat	tta	tgg	acc	ggt	tct
116	Ser	Ile	Glu	Leu	Val	Pro	His	Gly	Met	Ile	His	Leu	Trp	Thr	Gly	Ser
117	295		300			305				310						
119	gag	aac	acg	ccc	tat	ggc	gag	aac	atg	ggg	gct	ttc	tac	tca	acg	gct
120	Glu	Asn	Thr	Pro	Tyr	Gly	Glu	Asn	Met	Gly	Ala	Phe	Tyr	Ser	Thr	Ala
121		315				320				325						
123	aga	gac	ccg	ata	ttt	ttt	gct	cat	cat	tgc	aac	gtc	gat	aga	atg	tgg
124	Arg	Asp	Pro	Ile	Phe	Phe	Ala	His	His	Ser	Asn	Val	Asp	Arg	Met	Trp
125		330				335				340						
127	tcc	ata	tgg	aag	acc	cta	gga	ggg	ccg	ogg	agg	acg	gac	tta	aca	gat
128	Ser	Ile	Trp	Lys	Thr	Leu	Gly	Gly	Pro	Arg	Arg	Thr	Asp	Leu	Thr	Asp
129		345				350				355						
131	cca	gat	ttt	ctt	gat	gcg	tct	ttc	gtt	ttt	tat	gac	gaa	aac	gca	gag
132	Pro	Asp	Phe	Leu	Asp	Ala	Ser	Phe	Val	Phe	Tyr	Asp	Glu	Asn	Ala	Glu
133		360				365				370						

RAW SEQUENCE LISTING
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Input Set : A:\001560-377.ST25.txt
Output Set: N:\CRF3\02272001\I446089A.raw

133	360	365	370	
135	atg gtt cgg gtc aag gtt	cggttgc tta	gat gaa aag	aaa cta ggg
136	Met Val Arg Val Lys	Val Arg Asp Cys	Leu Asp Glu	Lys Lys Leu Gly
137	375	380	385	390
139	tac gtt tat caa gat	gtgttgg att	ccgttgc aac	act cgt cca aca
140	Tyr Val Tyr Gln Asp	Val Glu Ile Pro	Trp Leu Asn	Thr Arg Pro Thr
141	395	400	405	
143	cca aaa gtt tct	ccgtttt cta	ctt aag aaa	ttt cat aga aca aac
144	Pro Lys Val Ser	Pro Ser Leu	Leu Lys	Phe His Arg Thr Asn Thr
145	410	415	420	
147	gcc aat ccg aga caa	gtt ttt cct	gctt gac aga	gtc tta aaa
148	Ala Asn Pro Arg Gln	Val Phe Pro Ala	Ile Leu Asp	Arg Val Leu Lys
149	425	430	435	
151	gtt atc gtg acg agg	ccg aag aaa	act aga agt	agg aaa gaa aag gac
152	Val Ile Val Thr Arg	Pro Lys Lys	Thr Arg Ser	Arg Lys Glu Lys Asp
153	440	445	450	
155	gag tta gaa gag att	tta gtgtt gtt	att gaa ggg	att gaa ctg gaa aga gac
156	Glu Leu Glu Glu Ile	Leu Val Ile Glu	Gly Ile Glu Leu	Glu Arg Asp
157	455	460	465	470
159	cac ggg cac gta aaa	ttc gac gtt tat	att aat gct	gac gaa gat gac
160	His Gly His Val Lys	Phe Asp Val Tyr	Ile Asn Ala Asp	Glu Asp Asp
161	475	480	485	
163	ctt gcg gtg att	tcg ccg gag	aat gct gag	ttc gcc ggg agt
164	Leu Ala Val Ile Ser	Pro Glu Asn Ala	Glu Phe Ala Gly	Ser Phe Val
165	490	495	500	
167	agt ctg tgg cac aaa	cct ata aag	ggg aag agg	aca aag acg cag
168	Ser Leu Trp His Lys	Pro Ile Lys Gly	Lys Arg Thr	Lys Thr Gln Leu
169	505	510	515	
171	tta aca ttg tcg att	tgt gat att	ttg gag	ttg gat gct gac gaa
172	Leu Thr Leu Ser Ile	Cys Asp Ile	Leu Glu Asp	Leu Asp Ala Asp Glu
173	520	525	530	
175	gat gat tat gtgtt gtc	act ttg gtt	ccg aga aac	gcc gga gat gcg
176	Asp Asp Tyr Val Leu	Val Thr Leu Val	Pro Arg Asn Ala	Gly Asp Ala
177	535	540	545	550
179	atc aag att cat aat	gtc aag att	gag ctt	gat ggc taataaaattc
180	Ile Lys Ile His Asn	Val Lys Ile Glu	Leu Asp	Gly
181	555	560		
183	tattgatttc ttctcaacct	acagttgatc	atttaccgat	tgattattcc aataaaaagta
185	tctcatgtac caatatcgat	cgttataatc	gtaataacttt	cagatttta tttatttaaa
187	agcagttgtat	taatggta	aataaggatt	actttttgag
190	<210> SEQ ID NO: 2			
191	<211> LENGTH: 562			
192	<212> TYPE: PRT			
193	<213> ORGANISM: Antirrhinum majus			
195	<400> SEQUENCE: 2			
197	Met Phe Lys Asn Pro	Asn Ile Arg Tyr	His Lys Leu Ser	Ser Lys Ser
198	1	5	10	15
201	Asn Asp Asn Asp Gln	Glu Ser Ser His	Arg Cys Lys His	Ile Leu Leu
202	20	25	30	

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205 Phe Ile Ile Thr Leu Phe Leu Leu Ile Val Gly Leu Tyr Ile Ala Asn
206 35 40 45
209 Ser Leu Ala Tyr Ala Arg Phe Ala Ser Thr Ser Thr Gly Pro Ile Ala
210 50 55 60
213 Ala Pro Asp Val Thr Lys Cys Gly Gln Pro Asp Leu Pro Pro Gly Thr
214 65 70 75 80
217 Ala Pro Ile Asn Cys Cys Pro Pro Ile Pro Ala Lys Ile Ile Asp Phe
218 85 90 95
221 Glu Leu Pro Pro Pro Ser Thr Thr Met Arg Val Arg Arg Ala Ala His
222 100 105 110
225 Leu Val Asp Asp Ala Tyr Ile Ala Lys Phe Lys Lys Ala Val Glu Leu
226 115 120 125
229 Met Arg Ala Leu Pro Glu Asp Asp Pro Arg Ser Phe Lys Gln Gln Ala
230 130 135 140
233 Asn Val His Cys Ala Tyr Cys Ala Gly Ala Tyr Asn Gln Ala Gly Phe
234 145 150 155 160
237 Thr Asn Leu Lys Leu Gln Ile His Arg Ser Trp Leu Phe Phe Pro Phe
238 165 170 175
241 His Arg Tyr Tyr Ile Tyr Phe Phe Glu Arg Ile Leu Gly Lys Leu Ile
242 180 185 190
245 Asn Asp Thr Thr Phe Ala Leu Gln Phe Trp Asn Tyr Asp Ser Pro Gly
246 195 200 205
249 Gly Met Thr Ile Pro Ser Met Phe Ile Asp Thr Asn Ser Ser Leu Tyr
250 210 215 220
253 Asp Ser Leu Arg Asp Ser Asn His Gln Pro Pro Thr Ile Val Asp Leu
254 225 230 235 240
257 Asn Tyr Ala Phe Ser Asp Ser Asp Asn Thr Thr Pro Glu Glu Gln
258 245 250 255
261 Met Ile Ile Asn Leu Lys Ile Val Tyr Arg Gln Met Val Ser Ser Ala
262 260 265 270
265 Lys Thr Pro Gln Leu Phe Phe Gly Arg Pro Tyr Arg Arg Gly Asp Gln
266 275 280 285
269 Glu Phe Pro Gly Val Gly Ser Ile Glu Leu Val Pro His Gly Met Ile
270 290 295 300
273 His Leu Trp Thr Gly Ser Glu Asn Thr Pro Tyr Gly Glu Asn Met Gly
274 305 310 315 320
277 Ala Phe Tyr Ser Thr Ala Arg Asp Pro Ile Phe Phe Ala His His Ser
278 325 330 335
281 Asn Val Asp Arg Met Trp Ser Ile Trp Lys Thr Leu Gly Gly Pro Arg
282 340 345 350
285 Arg Thr Asp Leu Thr Asp Pro Asp Phe Leu Asp Ala Ser Phe Val Phe
286 355 360 365
289 Tyr Asp Glu Asn Ala Glu Met Val Arg Val Lys Val Arg Asp Cys Leu
290 370 375 380
293 Asp Glu Lys Lys Leu Gly Tyr Val Tyr Gln Asp Val Glu Ile Pro Trp
294 385 390 395 400
297 Leu Asn Thr Arg Pro Thr Pro Lys Val Ser Pro Ser Leu Leu Lys Lys
298 405 410 415
301 Phe His Arg Thr Asn Thr Ala Asn Pro Arg Gln Val Phe Pro Ala Ile

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Input Set : A:\001560-377.ST25.txt
Output Set: N:\CRF3\02272001\I446089A.raw

302 420 425 430
 305 Leu Asp Arg Val Leu Lys Val Ile Val Thr Arg Pro Lys Lys Thr Arg
 306 435 440 445
 309 Ser Arg Lys Glu Lys Asp Glu Leu Glu Glu Ile Leu Val Ile Glu Gly
 310 450 455 460
 313 Ile Glu Leu Glu Arg Asp His Gly His Val Lys Phe Asp Val Tyr Ile
 314 465 470 475 480
 317 Asn Ala Asp Glu Asp Asp Leu Ala Val Ile Ser Pro Glu Asn Ala Glu
 318 485 490 495
 321 Phe Ala Gly Ser Phe Val Ser Leu Trp His Lys Pro Ile Lys Gly Lys
 322 500 505 510
 325 Arg Thr Lys Thr Gln Leu Leu Thr Leu Ser Ile Cys Asp Ile Leu Glu
 326 515 520 525
 329 Asp Leu Asp Ala Asp Glu Asp Asp Tyr Val Leu Val Thr Leu Val Pro
 330 530 535 540
 333 Arg Asn Ala Gly Asp Ala Ile Lys Ile His Asn Val Lys Ile Glu Leu
 334 545 550 555 560
 337 Asp Gly
 341 <210> SEQ ID NO: 3
 342 <211> LENGTH: 13
 343 <212> TYPE: PRT
 344 <213> ORGANISM: Antirrhinum majus
 346 <400> SEQUENCE: 3
 348 Lys Lys Leu Gly Tyr Val Tyr Gln Asp Val Glu Ile Pro
 349 1 5 10
 352 <210> SEQ ID NO: 4
 353 <211> LENGTH: 12
 354 <212> TYPE: PRT
 355 <213> ORGANISM: Antirrhinum majus
 357 <400> SEQUENCE: 4
 359 Lys Ile Val Tyr Arg Gln Met Val Ser Ser Ala Lys
 360 1 5 10
 362 <210> SEQ ID NO: 5
 363 <211> LENGTH: 18
 364 <212> TYPE: PRT
 365 <213> ORGANISM: Antirrhinum majus
 367 <400> SEQUENCE: 5
 369 Lys Thr Pro Gln Leu Phe Phe Gly Arg Pro Tyr Arg Arg Gly Asp Gln
 370 1 5 10 15
 372 Glu Phe
 375 <210> SEQ ID NO: 6
 376 <211> LENGTH: 29
 377 <212> TYPE: PRT
 378 <213> ORGANISM: Antirrhinum majus
 380 <220> FEATURE:
 381 <221> NAME/KEY: UNSURE
 382 <222> LOCATION: (9)...(9)
 383 <223> OTHER INFORMATION: Amino acid 9 is Xaa wherein Xaa = unknown or other.
 385 <220> FEATURE:

<210> 10

<211> 6

<212> PRT

<213> Artificial Sequence

<400> 10

His Ala Val Cys Asn Glu
1 5

FYI

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/446,089A

DATE: 02/27/2001
TIME: 14:31:45

Input Set : A:\001560-377.ST25.txt
Output Set: N:\CRF3\02272001\I446089A.raw

L:392 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:395 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:442 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:458 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:466 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:466 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:484 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:499 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12
L:514 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13